

1 1. (Three Times Amended) A method for determining a
2 composite measure indicative of the presence of dietary antioxidants in a liquid
3 sample at room temperature comprising the steps of:
4 providing a liquid sample containing dietary material or a biological
5 fluid to be tested;
6 contacting the liquid sample with an aqueous solution of elemental
7 iodine and an iodophor at room temperature to form a
8 mixture; and
9 measuring a change in a concentration of iodide ions in the
10 mixture at room temperature wherein the change represents
11 the composite measure of the presence of dietary
12 antioxidants in the dietary material or the biological fluid.

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1 4. (Three Times Amended) A method for determining a
2 composite measure indicative of the presence of dietary antioxidants in an
3 aqueous liquid sample at room temperature comprising the steps of:
4 providing an aqueous liquid sample containing dietary material or a
5 biological fluid to be tested;
6 contacting the sample with an aqueous solution of elemental
7 iodine and polyvinylpyrrolidone at room temperature to form
8 a mixture; and
9 measuring an increase in a concentration of iodide ions in the
10 mixture by means of an iodide selective electrode at room
11 temperature wherein the increase represents the composite
12 measure of the presence dietary antioxidants in the dietary
13 material or the biological fluid.

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Please add the following new Claim 6:

1 6. A method for determining a composite measure indicative
2 of the characteristics of dietary antioxidants in an aqueous liquid sample at
3 room temperature comprising the steps of:

4 providing an aqueous liquid sample containing dietary material or a
5 biological fluid to be tested;

6 contacting the sample with an aqueous solution of elemental
7 iodine and polyvinylpyrrolidone at room temperature to form
8 a mixture; and

9 measuring an increase in a concentration of iodide ions at room
10 temperature in the mixture at a plurality of time points after
11 the contacting step by means of an iodide selective
12 electrode wherein the increase represents the composite
13 measure of the characteristics dietary antioxidants in the
14 dietary material or the biological fluid.

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